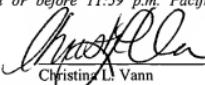


PATENT

Date of Notice  
of Allowance : May 8, 2009

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on June 9, 2009 at or before 11:59 p.m. Pacific Time under the Rules of 37 CFR § 1.8.*



Christina L. Vann

Applicant	:	Gregory G. Spanjers	Confirmation No. 6147
Application No.	:	10/701,030	
Filed	:	November 3, 2003	
Title	:	DUAL-MODE CHEMICAL-ELECTRIC THRUSTERS FOR SPACECRAFT	
Grp./Div.	:	3643	
Examiner	:	Timothy D. Collins	
Docket No.	:	51438/W382	

**AMENDMENT UNDER 37 CFR § 1.312**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
June 9, 2009

Commissioner:

Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.